Amendments to the Specification:

Please replace paragraph 0003 with the following amended paragraph:

U.S. Application No. [[_____]] 10/775,531, filed on February 9, 2004 and entitled "AUTOMATIC DATABASE DIAGNOSTIC MONITOR ARCHITECTURE", Attorney Docket No. 02 1756-003700US~~, filed concurrently~~; and

Please replace paragraph 0004 with the following amended paragraph:

U.S. Application No. [[_____]] 10/755,513, filed on February 9, 2004 and entitled "THE TIME MODEL", Attorney Docket No. 021756-004000US~~, filed concurrently~~.

Please replace paragraph 0022 with the following amended paragraph:

Fig. 1 depicts a system 100 for using a database system according to one embodiment of the present invention. System 100 includes a client [[102]], a database system 105, and one or more users 108.

Please replace paragraph 0025 with the following amended paragraph:

In one embodiment, an automatic database diagnostic monitor (ADDM) may use information captured by embodiments of the present invention. ADDM is described in more detail in the application entitled "AUTOMATIC DATABASE DIAGNOSTIC MONITOR ARCHITECTURE", U. S. Application No. [[_____]] 10/775,531, Attorney Docket No. 021756-003700US, filed ~~concurrently~~ February 9, 2004; and the application entitled "THE TIME MODEL", U.S. Application No. [[_____]] 10/775,513, Attorney Docket No. 021756-004000US, filed ~~concurrently~~ February 9, 2004, the contents of which are incorporated herein for all purposes. In one embodiment, ADDM uses the information captured to diagnose performance problems in database system 105."

Please replace paragraph 0036 with the following amended paragraph:

Fig. 3 depicts a simplified flowchart 900 of a method for capturing information for session histories according to one embodiment of the present invention. In step 902, SAM 802 determines when it is time to capture activity information in database system 105. In one embodiment, a time interval is determined where information is captured periodically. For example, SAM 802 may capture information every second. Accordingly, a full trace of information is not captured in one embodiment. Rather, a sample of activity is captured where information is captured at certain time intervals.

Please replace paragraph 0040 with the following amended paragraph:

In one embodiment, ADDM [[104]] uses statistical techniques to ensure that the active session samples are statistically significant (from the captured information). For example, monitoring device determines a performance problem. The performance problem indicates which operations may be causing problems. Then, monitoring device looks at the individual requests that were made by users [[107]] 108 that caused the problem. In order to do this, the samples of active session history are analyzed. The information in different snapshots for an operation are reviewed and a model of what was recorded is developed. The model is useful in determining what a request did in database server 107 (e.g., what operations were performed). If information captured is relatively unintrusive to the operation of database system 105, then snapshots of active sessions may be taken at continuous uniform intervals. The snapshots may provide a statistically significant picture of activity in database system 105. Then, ADDM [[104]] may use techniques to analyze the activity to determine which operations may be causing performance problems.

Please replace paragraph 0049 with the following amended paragraph:

Fig. 5 depicts a simplified flow chart [[1100]] of a method for filtering captured information according to one embodiment of the present invention. In step 1102, captured information in circular buffer 1002 is reviewed. In one embodiment, the information is filtered on a user by user basis. For example, the information captured is associated with a session 804 and thus a user 108. The information for each session 804 is analyzed to determine if it should be deleted or stored. In another embodiment, the information captured for all active sessions is analyzed as a whole.

Please replace paragraph 0052 with the following amended paragraph:

In step 1106, if the captured information is not important, then [[is]] in step 1108, the information is discarded. If the captured information is important, the information is indexed in step [[1108]] 1110.

Please replace paragraph 0054 with the following amended paragraph:

In step [[1110]] 1112, the indexed information is stored in database 806. The information may be archived for retrieval at a later time. In one embodiment, one difference between information in circular buffer 1002 and database 806 is information in circular buffer 1002 may be accessed faster.

Please replace paragraph 0061 with the following amended paragraph:

Fig. 6 is a block diagram of a system 1200 for implementing an embodiment of the invention. System 1200 includes user computers 1205, 1210, and [[1220]] 1215. User computers 1205, 1210, and [[1220]] 1215 can be general purpose personal computers having web browser applications. Alternatively, user computers 1205, 1210, and [[1220]] 1215 can be any other

electronic device, such as a thin-client computer, Internet-enabled mobile telephone, or personal digital assistant, capable of displaying and navigating web pages or other types of electronic documents. Although system 1200 is shown with three user computers, any number of user computers can be supported.

Please replace paragraph 0062 with the following amended paragraph:

A web server 1225 is used to process requests for web pages or other electronic documents from user computers 1205, 1210, and [[1220]] 1215. In an embodiment of the invention, the data analysis software operates within a web browser on a user computer. In this embodiment, all user interaction with the data analysis software is via web pages sent to user computers via the web server 1225.

Please replace paragraph 0064 with the following amended paragraph:

In an embodiment, the web application server 1230 dynamically creates web pages for displaying the data analysis software. The web pages created by the web application server 1230 are forwarded to the user computers via web server 1225. Similarly, web server 1225 receives web page requests and input data from the user computers 1205, 1210 and [[1220]] 1215, and forwards the web page requests and input data to web application server 1230.

Please replace paragraph 0066 with the following amended paragraph:

An electronic communication network 1220 enables communication between computers 1205, 1210, and 1215, web server 1225, web application server 1230, and database 1235. In an embodiment, network 1220 may further include any form of electrical or optical communication devices, including wireless and wired networks. Network [[1230]] 1220 may also incorporate one or more local-area networks, such as an Ethernet network; wide-area networks, such as the Internet; and virtual networks, such as a virtual private network.